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Remarks

Claims 44-62 and 65-88 are now pending in this application. Claims 44-86 are rejected. Claims 63 and 64 have been canceled without prejudice or disclaimer of the subject matter therein. Claims 87 and 88 have been newly added. No new matter has been added. It is respectfully submitted that the pending claims define allowable subject matter.

Claims 44-50, 53-71, 74-82 and 85-86 have been rejected under 35 U.S.C. § 102(e) as anticipated by Monroe (U.S. Patent Application Publication 2004/0117638), hereafter Monroe 1, or in the alternative under 35 U.S.C. § 103(a) as obvious over Monroe 1 in view of Monroe (U.S. Patent 6,518,881), hereafter Monroe 2; or over Anthony et al. (U.S. Patent 6,559,769) alone or in view of Piccioni (U.S. Patent 6,842,774) or Monroe 2. Applicants respectfully traverse the 35 U.S.C. § 102(e) and 35 U.S.C. § 103(a) rejections.

Monroe 1 describes a system having facial recognition technology integrated into a multimedia surveillance system (abstract). The system includes IP cameras that may be enhanced with additional processing resources to perform Facial Processing or that may be connected to a Facial Processing system (page 7, paragraphs 0142-0143). Additionally, a wireless monitor station 43 may be provided that receives selected video streams from the network via a Wireless Access Point 42 (page 8, paragraph 0148).

Monroe 2 describes a digital communication system for law enforcement use having a control module 14 that may include a PDA and a video screen 20. The module 14 also may include a fingerprint scanner 64, a magnetic stripe reader 66 and a bar code reader 60 (column 6, lines 6-65).

Anthony et al. describes an early warning real-time security system including a local controller apparatus 5 for capturing audio and/or video signals 20 via a plurality of cameras 10

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and then uploading these signals in real-time to satellite 30. After being uploaded to satellite 30 via an input stream 20, the corresponding audio video signals are then transmitted via a download stream 25 to a monitoring station or home base 35. The monitoring apparatus 5 comprises activation means 15 to trigger continuous real-time monitoring, uplinking-and-downlinking, and recording, on a manually-activated basis. Continuous real-time monitoring, uplinking-and-downlinking, and recording on an automatic basis or on a periodic basis depending upon the nature of an anticipated or expected series of activities or the like also may be provided (column 5, lines 7-23). In general, the system may be implemented using a home-base personal computer, comprising a desktop, a notebook, a sub-notebook, or a PDA, as well as from a sophisticated regional control center. In one embodiment, the early-warning security system 2 includes a mobile unit 5 having an integrated circuit board 350 with a built-in CPU with concomitant architecture suited to accommodate embedded and multimedia processing. A plurality of remote, mobile units may continuously "talk-to" a plurality of control centers or the like via appropriate communication links to provide a motion picture describing what is occurring in the real world. Such connectivity may be achieved through a combination of wireless devices and infrastructure including cell phones, microwave phones, personal digital assistants (PDAs) and hand-held computers (Palm, pocket PC, etc.), satellites, and the GPS (column 10, lines 29-44).

Additionally, the system may use biometrics and a reference database to help identify individuals and provide triggers or other notification (column 17, line 59 to column 18, line 21). The system also may be implemented in connection with conventional surveillance systems.

Piccioni describes a method and system for situation tracking and notification using alerts generated by mobile entity devices 12 (abstract). In particular, a notification system 10 usable by law enforcement officials or other agencies for rapid notification of others regarding various public safety events is provided and includes the mobile entity device 12, a plurality of public

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safety alerts 13, a wireless network 14, a server 16, a network 18, a client 20 and a clearing house 22. The notification system 10 is operable to provide the capability for tracking weather, crime, emergency, traffic related and other situations to the media, public, law enforcement personnel, emergency personnel and others. The notification system 10 supports the updating and creation of public safety events in response to alerts generated by the mobile entity devices 12 and the servers 16. Events then may be searched and notifications sent to interested subscribers based on profiles associated with the subscribers. Further, the notification system 10 provides the capability for controlling access to public safety events based on the type of entity or person accessing the public safety events. Software associated with the notification system 10 may be integrated with other software and hardware, or may stand alone (column 2, lines 13-31).

The mobile entity device 12 comprises one or more input and/or output devices operable to send and receive data. Specifically, the mobile entity device 12 may comprise a keyboard, a display, a scanner, a digital camera, other digital imaging products and an interface to the network 14 and/or 18. For example, the device 12 may comprise a PDA, handheld or other mobile computing device and may be located in a police cruiser, an emergency vehicle, carried by an individual officer or emergency personnel, or in other suitable mobile locations. The device 12 may also be located at a fixed location such as a weather bureau office. A user of the device 12 may comprise a law enforcement officer, emergency personnel, weather personnel and other suitable personnel (column 2, lines 32-46, emphasis added).

Claim 44, as amended, recites a security system comprising "a portable personal digital assistant (PDA) wirelessly coupled to said object recognition system and said camera, said PDA configured to control movement of said camera." None of the cited art including Monroe 1, Monroe 2, Anthony et al. or Piccioni, alone or in combination, describe or suggest a security system as recited in claim 44.

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The prior art systems include mobile devices capable of transmitting and receiving information to and from a mobile device. For example, Monroe 1 includes a monitor station that receives video streams for viewing. Monroe 2 includes a module having a PDA and a screen that allows receipt of textual and visual information without printing, along with a transceiver connected through a car radio system for transmitting data to a base unit. Anthony et al. includes one (or more) remote mobile monitoring apparatus that may receive information as well as communicate acquired motion picture to a plurality of control centers. Piccioni includes a mobile entity device, such as a PDA, that sends and receives data (e.g., text and graphics) including alerts to a server for processing with notifications then sent to other interested subscribers. Although, each of these systems provide communication of data, such as video, to and/or from a mobile device, none of the systems describe or suggest a portable PDA wirelessly coupled to an object recognition system and a camera such that the PDA is configured to control movement of the camera. These systems may allow control by the mobile unit of the access and downloading/uploading of video content or other information from different peripheral devices or a central location, but none of these systems allows a PDA to control movement of a separate video camera wirelessly coupled to the PDA. Accordingly, the cited art including Monroe 1, Monroe 2, Anthony et al. or Piccioni, alone or in combination, fails to describe or suggest a security system as recited in claim 44.

Claims 45-50 and 53-64 depend from independent claim 44. When the recitations of claims 45-50 and 53-64 are considered in combination with the recitations of claim 44, Applicants submit that dependent claims 45-50 and 53-64 are likewise patentable over the cited art for at least the same reasons set forth above.

Claim 65, as amended, recites a method of providing security information comprising "selecting wirelessly the surveillance area from which live video is communicated using said

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PDA.” None of the cited art including Monroe 1, Monroe 2, Anthony et al. or Piccioni, alone or in combination, describe or suggest a method as recited in claim 65.

The prior art systems control the video stream from either a central control location or from a local device (e.g., a digital camera). None of the references describe or suggest using a PDA to wirelessly select a surveillance area from which live video is communicated. None of the prior art systems provide this type of remote control from a PDA. Accordingly, the cited art including Monroe 1, Monroe 2, Anthony et al. or Piccioni, alone or in combination, fails to describe or suggest a method as recited in claim 65.

Claims 66-71 and 74-76 depend from independent claim 65. When the recitations of claims 66-71 and 74-76 are considered in combination with the recitations of claim 65, Applicants submit that dependent claims 66-71 and 74-76 are likewise patentable over the cited art for at least the same reasons set forth above.

Claim 77 recites a method of providing security information comprising “comparing data representative of said object with stored data,” “providing a signal to a portable digital assistant (PDA) in response to said comparing step” and “time stamping said signal.” None of the cited art including Monroe 1, Monroe 2, Anthony et al. or Piccioni, alone or in combination, describe or suggest a method as recited in claim 77.

The prior art systems simply do not describe or suggest time stamping a signal based on comparing data representative of an object with stored data and providing that signal to a PDA. The prior art references describe systems communicating video and other content, but do not describe or suggest time stamping or otherwise synchronizing the transmission, recording and/or replaying of the video content. Accordingly, the cited art including Monroe 1, Monroe 2, Anthony et al. or Piccioni, alone or in combination, fails to describe or suggest a method as recited in claim 77.

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Claims 78-82, 85 and 86 depend from independent claim 77. When the recitations of claims 78-82, 85 and 86 are considered in combination with the recitations of claim 77, Applicants submit that dependent claims 78-82, 85 and 86 are likewise patentable over the cited art for at least the same reasons set forth above.

Newly added claim 87 depends from independent claim 44 and newly added claim 88 depends from claim 68, which depends from independent claim 65. Claims 87 and 88 are allowable at least based on the dependency of these claims from independent claims 44 and 65, respectively. Additionally, and as recited in claim 87, none of the cited prior art describes or suggests in connection with the other recitations of claim 44 using a PDA to control pan movement, tilt movement and/or zoom movement of a wirelessly coupled camera. The cited prior art simply does not describe or suggest this type of control from the PDA.

Claims 51, 52, 72, 73, 83 and 84 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Monroe 1 or Anthony et al. combined in view of Swanson et al. (U.S. Patent 5,689,442). Applicants respectfully traverse the 35 U.S.C. § 103(a) rejection.

Applicants submit that even from a cursory reading of Swanson et al., this reference fails to make up for the deficiencies of the Monroe 1 and Anthony et al. references (with respect to at least the recitations discussed in more detail above). Further, claims 51 and 52 depend from independent claim 44, claims 72 and 73 depend from independent claim 65 and claims 83 and 84 depend from independent claim 77. When the recitations of claims 51, 52, 72, 73, 83 and 84 are considered in combination with the recitations of the independent claims from which claims 51, 52, 72, 73, 83 and 84 depend, Applicants submit that dependent claims 51, 52, 72, 73, 83 and 84 are likewise patentable over the combination of Monroe 1 or Anthony combined in view of Swanson et al. for at least the same reasons set forth above.

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Accordingly, in view of the foregoing amendments and remarks, it is respectfully submitted that the prior art fails to teach or suggest the claimed invention and all of the pending claims in this application are believed to be in condition for allowance. Reconsideration and favorable action is respectfully solicited. Should anything remain in order to place the present application in condition for allowance, the Examiner is kindly invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,



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